L	Hits	Search Text	DB	Time stamp
Number		·		
1	621	staurosporine or n-staurosporine or	USPAT;	2002/07/18
		benzoylstaurosporine or	US-PGPUB;	11:55
		n-benoylstaurosporine	DERWENT	
2	159	(staurosporine or n-staurosporine or	USPAT;	2002/07/18
		benzoylstaurosporine or	.US-PGPUB;	11:56
		n-benoylstaurosporine) and (emulsion or	DERWENT	
		micro-emulsions or preconcentrates)		
-	0	("5932243" .pn.) and staurosporine	USPAT;	2002/07/18
			US-PGPUB	10:01
-	0	("5932243" .pn.) and porine	USPAT;	2002/07/18
			US-PGPUB	10:01
-	0	("5932243" .pn.) and ?porine	USPAT;	2002/07/18
			US-PGPUB	10:03
-	0	macrolide and fk506 and staurosporine	USPAT;	2002/07/18
			US-PGPUB	10:04
-	18	macrolide and staurosporine	USPAT;	2002/07/18
			US-PGPUB	10:07
-	553	staurosporine or n-staurosporine or	USPAT;	2002/07/18
		benzoylstaurosporine or	US-PGPUB	11:55
		n-benoylstaurosporine		İ
-	13	(staurosporine or n-staurosporine or	USPAT;	2002/07/18
		benzoylstaurosporine or	US-PGPUB	10:08
		n-benoylstaurosporine) and macrolide and		
		(solubility or bioavailability)		
-	66	(staurosporine or n-staurosporine or	USPAT;	2002/07/18
		benzoylstaurosporine or	US-PGPUB	10:24
		n-benoylstaurosporine) and (fk506 or		
		fk-506) and (solubility or		
		bioavailability)		
-	1	"465426"	EPO	2002/07/18
			1	10.24

Page 1

This is G o o g I e's cache of http://www.gattefosse.com/pharma/products/gelu4414.htm.

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These search terms have been highlighted: gelucire

Gelucire® 44/14

Semi-solid bioavailability enhancer for capsule formulations

• Chemical description:

Lauroyl macrogol-32 glycerides.

Gelucire® 44/14 is synthesized by an alcoholysis/esterification reaction, using hydrogenated palm kernel oil and PEG 1500 as starting materials.

Gelucire® 44/14 is therefore a well-defined mixture of mono-, di-and triglycerides and mono- and di-fatty acid esters of polyethylene glycol. The predominant fatty acid is lauric acid (C12).

• Physical characteristics:

Appearance: waxy solid

Odour : faint

Melting range (drop point): 42.0 to 46.0°C

HLB value: 14

Applications :

Gelucire® 44/14 has been shown to greatly improve the bioavailability of poorly-soluble drugs. Its mechanism of action includes solubility enhancement through micellar transport of the drug but also probably absorption enhancement at the GI wall level.
Gelucire® 44/14 can be used as sole excipient in the capsule formulation or in combination

Gelucire® 44/14 can be used as sole excipient in the capsule formulation or in combination with drug solubilizer (s) and structurant polymer(s).

Regulatory status :

European Pharmacopoeia 4rd edition: conforms to the "Lauroyl macrogolglycerides" monograph.

US Drug Master File n°5253



Labrafil® M 1944 CS

Bioavailability / penetration enhancer for oral and topical formulations

& Chemical description:

Oleoyl macrogol-6 glycerides.

Labrafil® M 1944 CS is synthesized by an alcoholysis/esterification reaction using apricot kernel oil and PEG 300 as starting materials.

Labrafil® M 1944 CS is therefore a well-defined mixture of mono-, di- and triglycerides and mono-and di-fatty esters of polyethylene glycol. The predominant fatty acid is oleic acid (C18:1).

Physical characteristics:

Appearance: oily liquid

Odour : faint

Viscosity at 20°C: 75 to 95 m.Pa.s

HLB value: 4

Applications:

Labrafil® M 1944 CS is a non-ionic amphiphilic excipient used as:

- solubilizer / bioavailability enhancer for liquid and oral capsule formulations
- co-emulsifier / penetration enhancer for topical emulsions
- lipid phase or cosurfactant in microemulsion formulations.

Regulatory status :

European Pharmacopoeia 3rd edition: conforms to the "Oleoyl macrogolglycerides" monograph.

US Drug Master File n°4464





Gelucire® 39/01

Waxy carrier for hard gelatin capsule formulations

Glycerol esters of saturated C12-C18 saturated fatty acids esters.

Physical characteristics:

Appearance: waxy pellets

Odour : faint

Melting range (drop point): 37.5 to 41.5°C

HLB value: 1

Applications:

Gelucire® 39/01 is a waxy carrier that protects active ingredients from light, moisture and oxidation.

It is suited to capsule formulation of low density products, low dose or toxic drugs.

* Regulatory status:

USP 24/NF 19: conforms to the "Hard fat" monograph. European Pharmacopoeia 3rd edition: conforms to the "Hard fat" monograph. Japanese Pharmaceutical Excipients: conforms to the "Hard fat" monograph. US Drug Master File n° 6028



